

ABSTRACT OF THE DISCLOSURE

Even in a construction in which fuel injection valves for eight cylinders are energized by two EDUs, a sufficient charging time for each EDU can be ensured. In an eight-cylinder engine including fuel injection valves provided one for each cylinder of the eight-cylinder engine for injecting fuel thereinto, a first valve drive unit for driving four of the eight fuel injection valves to open and close by energizing these four fuel injection valves; and a second valve drive unit for driving four fuel injection valves other than the first-mentioned four fuel injection valves to open and close by energizing the second-mentioned four fuel injection valves, both of the valve drive units drive those fuel injection valves which are provided on cylinders for which combustion and expansion strokes occur at equal intervals. For example, the first valve drive unit energizes those fuel injection valves which are provided on a first cylinder, a fourth cylinder, a sixth cylinder, and a seventh cylinder, and the second valve drive unit energizes those fuel injection valves which are provided on a second cylinder, a third cylinder, a fifth cylinder, and an eighth cylinder.